▶ Modular safety gate system –
Your gate. Our system. Your safety.

Modular safety gate system

With our modular safety gate system, we offer you an individual safety gate solution that is ideally tailored to your application. That means you can combine the individual components flexibly to suit your own particular requirements. Benefit from an economical series connection, rapid diagnostics, additional control and pushbutton elements and an optional escape release.

The following components are available for forming your modular safety gate system:

▶ Safety gate sensor PSENslock
  for safe position monitoring
  with process guarding
▶ Safety gate sensor PSENmlock
  for safe interlock and guard locking
  in one product
▶ Escape release and suitable
  handles for the safety gate system
  PSENmlock
▶ Safety Device Diagnostics (SDD)
  for comprehensive diagnostics
  and economical series connection
  of the safety gate sensors
  PSENmlock
▶ Pushbutton unit PITgatebox
  for simple operation of the
  safety gate system

Your benefits at a glance

▶ Individual solution tailored to the application
▶ Comprehensive modular portfolio
▶ Many different combination options
▶ High quality thanks to certification to common safety standards
▶ Quickly integrated into your plant
▶ Simple operation and maintenance
▶ A complete one-stop solution that's safe and economical
▶ Ideal for use in combination with safe control technology from Pilz

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THE SPIRIT OF SAFETY

Modular safety gate system

	PSENslock		PSENmlock		
Sensor	Series connection, 500 N	Series connection, 1,000 N	Base version	Series connection	Optional: SDD
Escape release			Escape release	Remote escape release	
Handles			for swing gates	for sliding gates	
Pushbutton unit	PITgatebox				

The heart of the modular safety gate system: the safety gate sensors PSENslock and PSENmlock

Achieve safe position monitoring with process guarding with the safety gate sensor PSENslock. It can be used up to the highest safety category and in series connection.

The safety gate sensor PSENmlock offers safe interlock and guard locking to PL e. The latter is enabled by the dual-channel control of the guard locking. Connect PSENmlock in series and benefit from a low-cost installation. Together with the Safety Device Diagnostics (SDD), individual switches or gates can be controlled in a targeted manner – and all this without expensive individual wiring in the control cabinet. In addition you also achieve simple and comprehensive diagnostics of the safety switches, reducing downtimes. As an optional accessory, two versions of escape release can be combined with PSENmlock: A bar is used to connect the PSENml escape release directly to the base unit, while the remote escape release PSENml escape release cordset is mounted on the PSENmlock via a pull-push wire. Whether it's for a swing gate or sliding gate: we can offer you the right handle.

The perfect partner: simple operation with the pushbutton unit PITgatebox

Each preconfigured version with various combinations of pushbuttons, key switches and E-STOP pushbuttons gives you maximum flexibility for your individual application. Thanks to the slimline design, the robust control unit can be installed quickly and easily on standard profile systems. The PITgatebox gives you a modular safety gate solution tailored to your particular needs, especially when combined with the secure safety gate systems PSENmlock and PSENslock.

We are represented internationally. Please refer to our homepage www.pilz.com for further details or contact our headquarters.

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